Docket No.: 20747/240 (ARDCK/P32478US)

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ţ	Ong et al.	)	Examiner:
:	10/525,266 based on PCT/GB2003/003669	)	Unknown
	August 21, 2003	) ) )	Art Unit: 1645
;	4952	)	
:	GROWTH HORMONE-RELEASING PEPTIDES IN THE TREATMENT OF PREVENTION OF ATHEROSCLEROSIS AND HYPERCHOLESTEROLEMIA	) ) ) )	
	:	<ul> <li>: 10/525,266 based on PCT/GB2003/003669</li> <li>: August 21, 2003</li> <li>: 4952</li> <li>: GROWTH HORMONE-RELEASING PEPTIDES IN THE TREATMENT OF PREVENTION OF ATHEROSCLEROSIS AND</li> </ul>	: 10/525,266 based on PCT/GB2003/003669 : August 21, 2003 : 4952 : GROWTH HORMONE-RELEASING PEPTIDES ) IN THE TREATMENT OF PREVENTION OF ) ATHEROSCLEROSIS AND

# REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Dear Sir:

Applicants hereby request a corrected filing receipt for the above-identified application. On the enclosed copy of the official filing receipt, the filing date of the domestic priority data is incorrect. The domestic priority data should be "This application is a 371 of PCT/GB03/03669 08/21/2003 which claims benefit of 60/467,890 05/05/2003" (correction underlined). A replacement Transmittal Letter to the United States Designated/Elected Office, and copy of the cover page of the PCT published application (WO 2004/017986 A1) are enclosed.

Since Applicants are responsible for this error, the Commissioner is hereby authorized to charge any necessary fees to Deposit Account No. 14-1138. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Dated: August 24, 2006

Edwin V. Merkel Registration No. 40,087

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# United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS Of Alexandria, Vignala 22313-3450 www.capto.gov

FILING OR 371 APPL NO ART UNIT FIL FEE REC'D ATTY DOCKET NO DRAWINGS TOT CLMS IND CLMS (c) DATE 10/525,266 04/25/2006 1645 2030 20747/240 10 19 8

**CONFIRMATION NO. 4952** 

Edwin V Merkel Nixon Peabody Clinton Square P O Box 31051 Rochester, NY 14603

Nixon Peabody LLP

JUL 3 1 2006

FILING RECEIPT 'OC000000019648996\*

Date Mailed: 07/19/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon, If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

### Applicant(s)

Huy Ong, Ville Mont-Royal, CANADA; Sylvie Marleau, Rosemere, CANADA; Andre Tremblay, Laval-des-Rapides, CANADA;

### Power of Attorney:

Edwin Merkel-40087

### Domestic Priority data as claimed by applicant

This application is a 371 of PCT/GB03/03669 08/23/2003 ( would be 06/31/2003 which claims benefit of 60/467,890 05/05/2003

### Foreign Applications

CANADA 2399548 08/23/2002

If Required, Foreign Filing License Granted: 07/17/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US10/525,266

Projected Publication Date: 10/26/2006

Non-Publication Request: No

Early Publication Request: No

Title

Growth hormone-releasing peptides in the treatment of prevention of atherosclerosis and hypercholesterolemia

**Preliminary Class** 

424

# PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

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PTO-1396 (Rev. 02-2005)
Approved for use through 3/31/2007. OM8 0651-0621
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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	TRANSMITTAL LETTER T	O THE UNITED STATES	ATTORNEY'S DOCKET NUMBER
	DESIGNATED/ELECTED	20747/240 U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	
С	ONCERNING A SUBMISSI	ON UNDER 35 U.S.C. 371	
INTER	NATIONAL APPLICATION NO. PCT/GB03/003669	international filing date 21 August 2003 (21.08.2003)	PRIORITY DATE CLAIMED 23 August 2002 (23.08.2002)
TITLE			THE TREATMENT OF PREVENTION OF
ATH	ROSCLEROSIS AND HYPERO	CHOLESTEROLEMIA	
APPLI	CANT(S) FOR DO/EO/US ONG, Huy	; MARLEAU, Sylvie and TREM	BLAY, Andre
Applic	ant herewith submits to the United Si	tates Designated/Elected Office (DO/EO	/US) the following items and other information:
1. 🔯	This is a FIRST submission of items or	oncerning a submission under 35 U.S.C. 371.	
2.	This is a SECOND or SUBSEQUENT:	submission of items concerning a submission	under 35 U.S.C. 371.
з. 🛚 🗓	This is an express request to begin nat (5), (6), (9) and (21) indicated below.	ional examination procedures (35 U.S.C. 371	(f)). The submission must include items
4. X	The US has been elected (Article 31).		
5. X	A copy of the International Application	n as filed (35 U.S.C. 371(c)(2))	
	a. is attached hereto (required	only if not communicated by the International	al Bureau),
	b. X has been communicated by	the International Bureau.	
_	c is not required, as the applic	cation was filed in the United States Receivin	g Office (RO/US).
i. L	An English language translation of the	e International Application as filed (35 U.S.C.	371(c)(2)).
	a. Lis attached hereto.		
X	·	ted under 35 U.S.C. 154(d)(4).	
	<del>[ ]</del>	mational Application under PCT Article 19 (35	
		ed only if not communicated by the Internation	nal Bureau).
	b. have been communicated t		
	<b>ে</b>	ver, the time limit for making such amendmen	nts has NOT expired.
$\overline{}$			
		amendments to the claims under PCT Article	e 19 (35 U.S.C. 371(c)(3)).
	An eath or declaration of the inventor(s  An English language translation of the	) (35 U.S.C. 371(c)(4)). annexes of the International Preliminary Exan	ningtion Papart under BCT
	Article 36 (35 U.S.C. 371(c)(5)).	Same Code of the Membrasian Frenchistry Examples	milation report under POT
	11 to 20 below concern document(s) of	r information included:	
X	An Information Disclosure Statement un	ider 37 CFR 1.97 and 1.98.	
	An assignment document for recording.	A separate cover sheet in compliance with 3	7 CFR 3.28 and 3.31 is included.
X	A preliminary amendment.		
	An Application Data Sheet under 37 CFI	₹ 1.76.	
	A substitute specification.		
ᆜ	A power of attorney and/or change of ad-	dress letter.	
	A computer-readable form of the sequent	ce listing in accordance with PCT Rule 13ter.	2 and 37 CFR 1.821- 1.825.
亅	A second copy of the published Internation	nal Application under 35 U.S.C. 154(d)(4).	
		anslation of the international application unde	
$\mathbf{X}$	Other items or information: Unsigned Con	bined Declaration & Power of Attorney;Cop	y of Intnl Prelim. Exam. Report w/Amended Sheets

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the complete form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## (19) World Intellectual Property Organization

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**PCT** 

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23 August 2002 (23.08.2002) CA 5 May 2003 (05.05.2003) US

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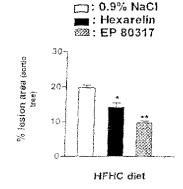
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[Continued on next page]

(54) Title: GROWTH HORMONE-RELEASING PEPTIDES IN THE TREATMENT OF PREVENTION OF ATHEROSCLERO-SIS AND HYPERCHOLESTEROLEMIA

AboE-null mice, 12 weeks treatment with GHRPs



\*,  $\rho \le 0.01$  and \*\*,  $\rho \le 0.001$  compared with 0.9% NaCl; #,  $\rho \le 0.05$  compared with HEX

(57) Abstract: According to the invention there is provided a method of treatment or prophylaxis of atherosclerosis, hypercholesterolemia or a cardiovascular disease associated with atherosclerosis, which method comprises administration of one or more Growth Hormone Releasing Peptides (GHRPs) to a patient in need of such treatment or prophylaxis. There are also provided methods of reducing blood plasma cholesterol levels, as well as methods of modulating the expression of the scavenger receptor CD36 and genes involved in cellular cholesterol efflux.